AMENDMENTS TO THE CLAIMS

Please amend Claims 1-3 as follows. This listing of claims replaces all prior versions and listings of claims in this application.

1. (*Currently Amended*) A doppler type ultrasonic flow meter for measuring ~~the~~ volumetric flow of a measurement object fluid using doppler shift of ultrasound, comprising:

a pair of ultrasonic transducers for transmitting ultrasound and receiving of an ultrasound echo of reflected ultrasound, the pair of ultrasonic transducers being disposed on the outside of ~~the~~ a pipe having the measurement object fluid flowing therethrough, and being disposed symmetrically on an extension line of a measurement line for performing measurement of doppler ~~shift, symmetrically about the center axis of a pipe with the measurement object fluid flowing therethrough,~~ shift; and

calculating circuitry for calculating at least (a) a first flow profile based upon an ultrasound echo received when a first of the pair of ultrasonic transducers is transmitting ultrasound, and (b) the volumetric flow of the measurement fluid based upon the first flow profile,

wherein [[a]] the first flow profile is for the side opposite, with respect to the center axis of the pipe, the side on which the ~~respective~~ first of the pair of ultrasonic ~~transducer~~ transducers is ~~disposed is used for the calculation of the volumetric flow of the measurement object fluid~~ disposed.

2. (*Currently Amended*) A doppler type ultrasonic flow meter according to claim 1, wherein after ultrasound from ~~one~~ the first of the pair of ultrasonic transducers is radiated into the pipe and a flow profile for the opposite side with respect to the center axis of the pipe from the side on which the ~~one~~ first of the pair of ultrasonic ~~transducer~~ transducers is disposed is calculated, ultrasound is radiated into the pipe from the ~~other~~ second of the pair of ultrasonic transducers, and a second flow profile for the opposite side from the side on which the ~~other~~ second of the pair of ultrasonic ~~transducer~~ transducers is disposed is calculated by the calculating circuitry.

3. (*Currently Amended*) A doppler type ultrasonic flow meter according to claim 1, wherein after ultrasound is radiated into the pipe alternately from ~~one of~~ the first of the pair of ultrasonic transducers and from the ~~other~~ second of the pair of ultrasonic transducers, with respect to the center axis of the pipe, flow profiles are respectively calculated for the opposite sides from the sides on which the ~~one~~ first of the pair of ultrasonic ~~transducer~~ transducers and the ~~other~~ second of the pair of ultrasonic ~~transducer~~ transducers are disposed.